

# Addisson Salazar

## List of Publications by Year in descending order

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Version: 2024-02-01

96  
papers

924  
citations

430874

18  
h-index

580821

25  
g-index

103  
all docs

103  
docs citations

103  
times ranked

524  
citing authors

#	ARTICLE	IF	CITATIONS
1	Innovative outcome through exploration and exploitation â€“ Enablers, barriers and industrial property. <i>European Journal of Management and Business Economics</i> , 2022, 31, 40-56.	3.1	4
2	On Training Road Surface Classifiers by Data Augmentation. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3423.	2.5	4
3	Generative Adversarial Networks and Markov Random Fields for oversampling very small training sets. <i>Expert Systems With Applications</i> , 2021, 163, 113819.	7.6	58
4	A New Detector Based on Alpha Integration Decision Fusion. <i>Lecture Notes in Computer Science</i> , 2021, , 178-189.	1.3	0
5	Editorial for the Special Issue â€œNew Advances on Sub-Pixel Processing: Unmixing and Mapping Methodsâ€. <i>Remote Sensing</i> , 2021, 13, 3807.	4.0	0
6	Experimental Study of Hierarchical Clustering for Unmixing of Hyperspectral Images. , 2021, , .		0
7	Fusion of Visual and Textual Features for Table Header Detection in Handwritten Text Images. , 2021, , .		1
8	Late Fusion for Improving Intrusion Detection in a Network Traffic Dataset. , 2021, , .		0
9	Improving classification of composite materials measured by ultrasounds using classifier combination. , 2021, , .		0
10	Simultaneous analysis of fMRI and EEG biosignals: a multimodal fusion approach. , 2021, , .		1
11	Estimation of the Number of Endmembers in Hyperspectral Images Using Agglomerative Clustering. <i>Remote Sensing</i> , 2020, 12, 3585.	4.0	19
12	Multichannel Signal Processing for Road Surface Identification. , 2020, , .		4
13	A New Application of Ultrasound Signal Processing for Archaeological Ceramic Classification. , 2020, , .		0
14	Vector score alpha integration for classifier late fusion. <i>Pattern Recognition Letters</i> , 2020, 136, 48-55.	4.2	23
15	Pattern recognition techniques for provenance classification of archaeological ceramics using ultrasounds. <i>Pattern Recognition Letters</i> , 2020, 135, 441-450.	4.2	28
16	Fraud Detection Using Sequential Patterns from Credit Card Operations. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 287-296.	0.6	0
17	Determining the number of endmembers of hyperspectral images using clustering. , 2020, , .		1
18	New applications of an oversampling method based on generative adversarial networks. , 2020, , .		0

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19	A New Surrogating Algorithm by the Complex Graph Fourier Transform (CGFT). Entropy, 2019, 21, 759.	2.2	18
20	Computing the Partial Correlation of ICA Models for Non-Gaussian Graph Signal Processing. Entropy, 2019, 21, 22.	2.2	18
21	A New Graph Based Brain Connectivity Measure. Lecture Notes in Computer Science, 2019, , 450-459.	1.3	2
22	Multichannel dynamic modeling of non-Gaussian mixtures. Pattern Recognition, 2019, 93, 312-323.	8.1	24
23	Multiclass Alpha Integration of Scores from Multiple Classifiers. Neural Computation, 2019, 31, 806-825.	2.2	34
24	A Multisensor System for Road Surface Identification. , 2019, , .		2
25	New Applications of Late Fusion Methods for EEG Signal Processing. , 2019, , .		1
26	A New Method for Fraud Detection in Credit Cards Based on Transaction Dynamics in Subspaces. , 2019, , .		2
27	Nonlinear estimators from ICA mixture models. Signal Processing, 2019, 155, 281-286.	3.7	11
28	Combination of Multiple Classification Results Based on K-Class Alpha Integration. Lecture Notes in Computer Science, 2019, , 426-437.	1.3	0
29	Parallelization of an Algorithm for Automatic Classification of Medical Data. Lecture Notes in Computer Science, 2019, , 3-16.	1.3	0
30	New Perspectives of Pattern Recognition for Automatic Credit Card Fraud Detection. Advances in Information Security, Privacy, and Ethics Book Series, 2019, , 268-283.	0.5	0
31	Estimating the Laplacian matrix of Gaussian mixtures for signal processing on graphs. Signal Processing, 2018, 148, 241-249.	3.7	26
32	Effect of exploitation and exploration on the innovative as outcomes in entrepreneurial firms. International Entrepreneurship and Management Journal, 2018, 14, 1053-1069.	5.0	11
33	Probabilistic Distance for Mixtures of Independent Component Analyzers. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1161-1173.	11.3	24
34	Semi-Supervised Learning For Imbalanced Classification Of Credit Card Transaction. , 2018, , .		32
35	New Perspectives of Pattern Recognition for Automatic Credit Card Fraud Detection. , 2018, , 4937-4950.		2
36	Semi-supervised Learning for Dynamic Modeling of Brain Signals During Visual and Auditory Tests. , 2018, , .		3

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37	Unsupervised learning of non-Gaussian mixtures with temporal dependencies. , 2017, , .		0
38	Signal processing on graphs for improving automatic credit card fraud detection. , 2017, , .		18
39	Fusion Methods for Biosignal Analysis: Theory and Applications. Computational Intelligence and Neuroscience, 2017, 2017, 1-2.	1.7	0
40	Synchronized Multi-chain Mixture of Independent Component Analyzers. Lecture Notes in Computer Science, 2017, , 190-198.	1.3	2
41	Non-linear Least Mean Squares Prediction Based on Non-Gaussian Mixtures. Lecture Notes in Computer Science, 2017, , 181-189.	1.3	0
42	Combination of multiple detectors for credit card fraud detection. , 2016, , .		13
43	Study on the computational cost of EEG dynamic modeling methods. , 2016, , .		1
44	On the fusion of non-independent detectors. , 2016, 50, 24-33.		36
45	Ultrasound-Based Density Estimation of Composites Using Water-Air Interface. Elektronika Ir Elektrotechnika, 2016, 22, .	0.8	3
46	Image Applications of Agglomerative Clustering Using Mixtures of Non-Gaussian Distributions. , 2015, , .		12
47	Semi-Supervised Bayesian Classification of Materials with Impact-Echo Signals. Sensors, 2015, 15, 11528-11550.	3.8	26
48	Fusion of Scores in a Detection Context Based on Alpha Integration. Neural Computation, 2015, 27, 1983-2010.	2.2	49
49	An Experimental Sensitivity Analysis of Gaussian and Non-Gaussian Based Methods for Dynamic Modeling in EEG Signal Processing. , 2015, , 4028-4041.		0
50	On Recovering Missing Ground Penetrating Radar Traces by Statistical Interpolation Methods. Remote Sensing, 2014, 6, 7546-7565.	4.0	28
51	Studies on frequency selective iterative deconvolution algorithms applied to concrete imaging and characterization. , 2014, , .		1
52	Surrogate techniques for testing fraud detection algorithms in credit card operations. , 2014, , .		23
53	Estimation of consolidation profiles for archaeological ceramics using ultrasonic signature. , 2014, , .		0
54	Agglomerative clustering of defects in ultrasonic non-destructive testing using hierarchical mixtures of independent component analyzers. , 2014, , .		1

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55	Mixtures of independent component analyzers for microarousal detection. , 2014, , .		2
56	Automatic simultaneous measurement of phase velocity and thickness in composite plates using iterative deconvolution. NDT and E International, 2014, 66, 117-127.	3.7	9
57	Parallel approach to NMF on multicore architecture. Journal of Supercomputing, 2014, 70, 564-576.	3.6	2
58	Consolidation Degree Estimation by Means Ultrasonic Analysis in Simulated Constructive Historical Elements. , 2014, , 373-381.		0
59	New Applications of Sequential ICA Mixtures Models Compared with Dynamic Bayesian Networks for EEG Signal Processing. , 2013, , .		4
60	On Statistical Pattern Recognition in Independent Component Analysis Mixture Modelling. Springer Theses, 2013, , .	0.1	19
61	Other Applications: Sequential Dependence Modelling and Data Mining. Springer Theses, 2013, , 155-172.	0.1	0
62	Learning Mixtures of Independent Component Analysers. Springer Theses, 2013, , 57-82.	0.1	0
63	Cultural Heritage Applications: Archaeological Ceramics and Building Restoration. Springer Theses, 2013, , 129-153.	0.1	1
64	Defect characterization in steel alloys using the modified split-spectrum algorithm. , 2012, , .		0
65	Split Spectrum processing applications for new composite materials imaging. , 2012, , .		3
66	Prospective of the application of ultrasounds in archaeology. IOP Conference Series: Materials Science and Engineering, 2012, 42, 012010.	0.6	1
67	Data fusion of ultrasound and GPR signals for analysis of historic walls. IOP Conference Series: Materials Science and Engineering, 2012, 42, 012008.	0.6	2
68	On comparing hard and soft fusion of dependent detectors. , 2012, , .		1
69	Automatic credit card fraud detection based on non-linear signal processing. , 2012, , .		23
70	Combination of multiple detectors for EEG based biometric identification/authentication. , 2012, , .		24
71	Analysis of split-spectrum algorithms in an automatic detection framework. Signal Processing, 2012, 92, 2293-2307.	3.7	5
72	Mixtures of Independent Component Analyzers for EEG Prediction. Communications in Computer and Information Science, 2012, , 328-335.	0.5	1

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73	Wiener systems for reconstruction of missing seismic traces. , 2011, , .		1
74	Semi-blind source extraction of atrial activity by combining statistical and spectral features. , 2011, 21, 391-403.		19
75	Blind signal separation in distributed space-time coding systems using the FastICA algorithm. , 2011, , .		1
76	Nonlinear Prediction Based on Independent Component Analysis Mixture Modelling. Lecture Notes in Computer Science, 2011, , 508-515.	1.3	1
77	A general procedure for learning mixtures of independent component analyzers. Pattern Recognition, 2010, 43, 69-85.	8.1	42
78	Detection of signals of unknown duration by multiple energy detectors. Signal Processing, 2010, 90, 719-726.	3.7	11
79	On including sequential dependence in ICA mixture models. Signal Processing, 2010, 90, 2314-2318.	3.7	30
80	Learning material defect patterns by separating mixtures of independent component analyzers from NDT sonic signals. Mechanical Systems and Signal Processing, 2010, 24, 1870-1886.	8.0	43
81	ICA Mixtures Applied to Ultrasonic Nondestructive Classification of Archaeological Ceramics. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.7	22
82	Intelligent system for non-destructive evaluation of historic walls using Ground-Penetrating Radar. , 2010, , .		0
83	Atrial Activity Extraction Based on Statistical and Spectral Features. Lecture Notes in Computer Science, 2009, , 451-458.	1.3	0
84	ICA Mixture Modeling for the Classification of Materials in Impact-Echo Testing. Lecture Notes in Computer Science, 2009, , 702-709.	1.3	0
85	Blind detection of nonlinearities in multiple-echo ultrasonic signals. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2008, 55, 637-647.	3.0	7
86	Intelligent system for material quality control using impact-echo testing. , 2008, , .		0
87	Knowledge Discovery from E-Learning Activities. , 2008, , 173-198.		1
88	Learning Hierarchies from ICA Mixtures. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	14
89	Optimum Detection of Ultrasonic Echoes Applied to the Analysis of the First Layer of a Restored Dome. Eurasip Journal on Advances in Signal Processing, 2007, 2007, .	1.7	13
90	Non-Parametric ICA reveals Learning Styles in Education Activities through the Web. IEEE International Workshop on Machine Learning for Signal Processing, 2007, , .	0.0	0

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91	Image Similarity Based on Hierarchies of ICA Mixtures. , 2007, , 786-793.		0
92	Source Separation of Astrophysical Ice Mixtures. Lecture Notes in Computer Science, 2006, , 368-375.	1.3	5
93	Blind source separation for classification and detection of flaws in impact-echo testing. Mechanical Systems and Signal Processing, 2005, 19, 1312-1325.	8.0	27
94	ICA Model Applied to Multichannel Non-destructive Evaluation by Impact-Echo. Lecture Notes in Computer Science, 2004, , 470-477.	1.3	9
95	Validating the separability of independent components from NDE sonic signals. , 0, , .		1
96	Assessment of Historic Structures Based on GPR, Ultrasound, and Impact-Echo Data Fusion. Key Engineering Materials, 0, 569-570, 1210-1217.	0.4	0